



SUBSTITUTE SEQUENCE LISTING

<110> Laub, Ruth  
Di Giambattista, Mario

<120> ANTIGENIC POLYPEPTIDE SEQUENCE OF FACTOR  
VIII, AND FRAGMENTS AND/OR EPITOPES OF THESE SEQUENCES

<130> VANMA48.001CP1

<140> US 09/853,080

<141> 2001-05-09

<150> US 08/765,837

<151> 1999-09-07

<150> PCT/BE95/00068

<151> 1995-07-14

<150> BE 940066

<151> 1994-07-14

<160> 48

<170> FastSEQ for Windows Version 4.0

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<223> epitope Arg 1648 to Tyr 1664 of A3 domain of  
Factor VIII

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5

10

15

Tyr

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<223> epitope Asp 1681 to Arg 1696 of A3 domain of  
Factor VIII

<400> 2

Asp Glu Asp Glu Asn Gln Ser Pro Arg Ser Phe Gln Lys Lys Thr Arg

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10

15

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<223> epitope Thr 1739 to Tyr 1748 of A3 domain of  
Factor VIII

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Factor VIII

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Factor VIII

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Asn Glu Thr Lys Thr Tyr  
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<223> epitope Met 1823 to Asp 1831 of A3 domain of  
Factor VIII

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Met Ala Pro Thr Lys Asp Glu Phe Asp  
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Factor VIII

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Glu Thr Lys Ser Trp Tyr Phe  
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<220>  
<223> epitope Glu 1885 to Ala 1901 of A3 domain of  
Factor VIII

B3  
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Factor VIII

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Factor VIII

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Ser Asn Lys Cys Gln Thr Pro Leu Gly Met Ala Ser Gly His  
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VIII

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Glu Asp Asp Lys Val  
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VIII

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<223> epitope Asp 203 to Ala 227 of A1 domain of Factor  
VIII

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Asp Glu Gly Lys Ser Trp His Ser Glu Thr Lys Asn Ser Leu Met Gln  
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Asp Arg Asp Ala Ala Ser Ala Arg Ala  
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<223> epitope Asp 327 to Met 355 of A1 domain of Factor  
VIII

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Asp Ser Cys Pro Glu Glu Pro Gln Leu Arg Met Lys Asn Asn Glu Glu  
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 Ala Glu Asp Tyr Asp Asp Asp Leu Thr Asp Ser Glu Met  
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 VIII

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 VIII

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 Val Glu Asp Gly Pro Thr Lys Ser Asp Pro Arg  
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 VIII

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 Tyr Lys Glu Ser Val Asp Gly Arg Gly Asn Gln  
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His Asn Ser Asp Phe Arg Asn Arg Gly  
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<223> epitope Ser 710 to Asp 725 of A2 domain of Factor  
VIII

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Leu Leu Ser Lys Asn Asn Ala Ile Glu Pro Arg Ser  
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VIII

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<223> epitope Ile 2081 to Ser 2095 of C domain of Factor  
VIII

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Ile His Gly Ile Lys Thr Gln Gly Ala Arg Gln Lys Phe Ser Ser  
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<210> 23  
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<223> epitope Tyr 2105 to Gly 2121 of C domain of Factor  
VIII

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Tyr Ser Leu Asp Gly Lys Lys Trp Gln Thr Tyr Arg Gly Asn Ser Thr  
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Gly

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VIII

B3  
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Asn Val Asp Ser Ser Gly Ile Lys His Asn  
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<212> PRT  
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<220>  
<223> epitope His 2152 to Arg 2163 of C domain of Factor  
VIII

<400> 25  
His Pro Thr His Tyr Ser Ile Arg Ser Thr Leu Arg  
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<220>  
<223> epitope Ser 2181 to Asn 2198 of C domain of Factor

# VIII

<400> 26

Ser Lys Ala Ile Ser Asp Ala Gln Ile Thr Ala Ser Ser Tyr Phe Thr  
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 Asn

<210> 27

<211> 19

<212> PRT

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<220>

<223> epitope Ser 2204 to Gln 2222 of C domain of Factor  
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<400> 27

Ser Pro Ser Lys Ala Arg Leu His Leu Gln Gly Arg Ser Asn Ala Trp  
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 Arg Pro Gln

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<211> 17

<212> PRT

<213> Homo sapiens

<220>

<223> epitope Gln 2235 to Leu 2251 of C domain of Factor  
 VIII

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Gln Lys Thr Met Lys Val Thr Gly Val Thr Thr Gln Gly Val Lys Ser  
 1 5 10 15  
 Leu

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<212> PRT

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<220>

<223> epitope Gly 2242 to Leu 2251 of C domain of Factor  
 VIII

<400> 29

Gly Val Thr Thr Gln Gly Val Lys Ser Leu  
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<211> 9



<212> PRT  
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<220>  
<223> epitope Ile 2262 to Gln 2270 of C domain of Factor  
VIII

<400> 30  
Ile Ser Ser Ser Gln Asp Gly His Gln  
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<223> epitope Leu 2273 to Ser 2289 of C domain of Factor  
VIII

<400> 31  
Leu Phe Phe Gln Asn Gly Lys Val Lys Val Phe Gln Gly Asn Gln Asp  
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Ser

B3  
<210> 32  
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VIII

<400> 32  
Pro Val Val Asn Ser Leu Asp Pro Pro Leu Leu Thr Arg Tyr  
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<212> PRT  
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<220>  
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VIII

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Glu Val Leu Gly Cys Glu Ala Gln Asp Leu Tyr  
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B3  
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<400> 38  
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B3  
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Phe Thr Asn  
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<400> 48  
Thr Arg Tyr  
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